

RIVERS AND FLOODS

[River and Flood Division, MONTROSE W. HAYES, in charge]

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During November there was an important flood in the Grand River in Missouri. This flood was caused by heavy rains during the period of November 17-22. The rainfall was so distributed and timed that the greatest effects of the ensuing flood were concentrated at Chillicothe. Damage exceeding \$1,000,000 resulted.

The remaining floods shown in the accompanying table were of minor importance; however, slight damage was caused by the flood in the Pascagoula River.

Heavy rains on the Atlantic slope at the end of November caused floods in several of the rivers of Virginia and North Carolina. As the crests of these rises occurred in December, they will be discussed in a later issue of the MONTHLY WEATHER REVIEW.

Flood stages in November 1934

[All dates are in November unless otherwise specified]

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	Stage	Date
ATLANTIC SLOPE DRAINAGE					
	<i>Feet</i>			<i>Feet</i>	
Santee: Rimini, S. C.....	12	{ 1 10 16	{ 4 11 17	13.6 12.7 12.6	3 11 16
EAST GULF OF MEXICO DRAINAGE					
Tombigbee: Lock No. 3, Ala.....	33	24	26	33.8	24, 25
Pascagoula: Merrill, Miss.....	22	23	25	22.8	24
Pearl: Jackson, Miss.....	18	29	Dec. 2	18.5	Dec. 1
MISSISSIPPI SYSTEM					
<i>Missouri Basin</i>					
Grand:					
Gallatin, Mo.....	20	21	23	22.2	23
Chillicothe, Mo.....	18	{ 21 29	{ 24 29	24.7 18.5	23 29
<i>Red Basin</i>					
Sulphur: Ringo Crossing, Tex.....	20	{ 21 30	{ 22 30	21.5 20.0	21 30
<i>Lower Mississippi Basin</i>					
Big Lake Outlet: Manila, Ark.....	10	26	(1)	(1)	(1)

¹ Flood continued into December.